ELSEVIER

Fluid Phase Equilibria 126 (1996) 309–310

FLUID PHASE EQUILIBRIA

# Contents of Volume 126 (1996)

*Vol. 126, No. 1*

Prediction of Henry's constants for polymer-containing systems using the SRK equation of state coupled with a new modified UNIFAC model
C. Zhong and H. Masuoka (Higashi-Hiroshima, Japan) . . . . . 1–12

Phase equilibrium calculations for unprocessed well streams containing hydrate inhibitors
K.S. Pedersen, M.L. Michelsen (Lyngby, Denmark) and A.O. Fredheim (Trondheim, Norway) . . . . . 13–28

A cubic perturbed hard-chain equation of state
H.-m. Lin, J.-T. Chen and M.-J. Lee (Taipei, Taiwan) . . . . . 29–52

Calculation of multi-phase equilibria using the equal area rule with application to hydrocarbon/water mixtures
N.S.M. Hanif, G.-S. Shyu, K.R. Hall and P.T. Eubank (College Station, TX, USA) . . . . . 53–70

Vapour–liquid equilibria. X. The ternary system cyclohexane–methanol–acetone at 293.15 and 303.15 K
P. Oracz, M. Góral, G. Wilczek-Vera and S. Warycha (Warsaw, Poland) . . . . . 71–92

Thermodynamics of vaporization of some cyclic perfluorocarbons
R.M. Varushchenko, A.I. Druzhinina and L.L. Pashchenko (Moscow, Russia) . . . . . 93–104

Isobaric vapor–liquid equilibria of the system ethyl acetate/*n*-butanol at 70.5 and 94.0 kPa
N.A. Darwish and A.A. Al-Khateib (Irbid, Jordan) . . . . . 105–113

Liquid–liquid equilibria in binary mixtures of *N*-methyl-α-pyrrolidone and saturated hydrocarbons. Part II
H.-J. Bittrich, D.A. Lempe, K. Reinhardt and J.-U. Wüstling (Halle, Germany) . . . . . 115–125

Vapour pressures and excess Gibbs energy of ethylbenzene–cyclooctane binary mixtures
M. Teodorescu, A. Barhala, D.I. Marchidan and O. Landauer (Bucharest, Romania) . . . . . 127–134

Determination of vapor–liquid equilibrium at far-subatmospheric pressures by using headspace chromatography
G. Zhenghong, C. Zhiyu, G. Yongsheng and L. Jingqing (Tianjin, People's Republic of China) . . . . . 135–144

*Vol. 126, No. 2*

*Special issue: International Conference "Giornate Mediterranee di Calorimetria ed Analisi Termica", Cagliari, Italy, September 12–16, 1995*

Preface . . . . . v

Calorimetric study of nitrile–chloro group interactions. Comparison with DISQUAC predictions
B. Marongiu, B. Pittau, S. Porcedda and A. Rosa (Cagliari, Italy) . . . . . 151–162

DISQUAC predictions of excess enthalpies of the ternary mixture: tetrahydrofuran + cyclohexane + butanenitrile
A.M. Fanni, B. Marongiu, B. Pittau and S. Porcedda (Cagliari, Italy) . . . . . 163–175

Excess enthalpies, and vapor-liquid equilibrium and surface properties of the highly non-ideal associated mixtures formed by an alcohol and propanal
J.A.R. Renuncio, B. Coto, A. Cabañas, C. Menduiña, R.G. Rubio and C. Pando (Madrid, Spain) . . . . . 177–194

Thermodynamic properties of binary mixtures containing alkanenitriles. II. Excess volumes of alkanenitriles + 1-chloroalkanes
C. Delitala, B. Marongiu, S. Porcedda and A. Rosa (Cagliari, Italy) . . . . . 195–202

Refractive indices, densities and excess properties on mixing of the systems acetone + methanol + water and acetone + methanol + 1-butanol at 298.15 K
M. Iglesias, B. Orge and J. Tojo (Vigo, Spain) . . . . . 203–223

Excess molar volumes at 298.15 K of the ternary mixture: propyl propanoate + 2-hexanone + 1-chlorohexane
M.J. Souza (Coruña, Spain), J. Vijande (Vigo, Spain), E. Jiménez, C. Franjo, L. Segade (Coruña, Spain), J.L. Legido (Vigo, Spain) and M.I. Paz Andrade (Santiago de Compostela, Spain) . . . . . 225–231

Densities and excess volumes of the ternary system butyl ethanoate + n-decane + 1-chlorobutane at 298.15 K
F. Rodríguez, E. Jiménez, C. Franjo, L. Segade, M. Cabanas (Coruña, Spain), T.P. Iglesias (Vigo, Spain) and M.I. Paz Andrade (Santiago de Compostela, Spain) . . . . . 233–239
Thermodynamic studies on *N,N,N*-octyloctyldimethyl ammonium chloride in water–urea mixtures
C. Delitala, B. Marongiu, B. Pittau and S. Porcedda (Cagliari, Italy) . . . . . 241–255
Thermodynamic studies on water–$\beta$-cyclodextrin–surfactant ternary systems
C. Delitala, B. Marongiu, B. Pittau and S. Porcedda (Cagliari, Italy) . . . . . 257–272
Excess free energy, enthalpy and entropy of surfactant–surfactant mixed micelle formation
R. De Lisi (Palermo, Italy), A. Inglese (Bari, Italy), S. Milioto and A. Pellerito (Palermo, Italy) . . . . . 273–287
Volumetric properties of random copolymers. An experimental and theoretical study
C. Panayiotou (Thessaloniki, Greece) and F. Oehmke (Krefeld, Germany) . . . . . 289–298
The enthalpies of interaction of glycine with some alkan-1-ols in aqueous solutions at 298.15 K
B. Palecz (Lódz, Poland) . . . . . 299–303

Subject Index . . . . . 305–306

Author Index . . . . . 307

Contents of volume . . . . . 309–310